Listing of Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

(Withdrawn) A water treatment system comprising:

a water reservoir fluidly connected to a point of entry;

an electrochemical device fluidly connected to the water reservoir and comprising a compartment that is at least partially filled with electroactive media and bounded by anionselective membranes on each side thereof; and

a water distribution system fluidly connected to at least one of the water reservoir and the electrochemical device.

- (Withdrawn) The water treatment system of claim 1 further comprising a point of use fluidly connected to the water distribution system.
- (Withdrawn) The water treatment system of claim I further comprising a sensor measuring at least one operating parameter of the water treatment system.
- (Withdrawn) The water treatment system of claim 1 wherein the water reservoir is pressurized.
- (Withdrawn) The water treatment system of claim 1 further comprising a circulation system fluidly connected to a concentrating compartment of the electrochemical device.
- (Withdrawn) The electrochemical device of claim 1 wherein the electroactive media comprises cation-exchange resin.

- (Withdrawn) The electrochemical device of claim 1 wherein the electroactive media comprises ion-exchange fiber.
- (Withdrawn) An electrochemical device comprising an ion-trapping compartment comprising cation-exchange resin and anion-selective membranes.
- (Withdrawn) The electrochemical device of claim 8 further comprising an anode compartment fluidly connected downstream of the ion-trapping compartment.
- (Withdrawn) The electrochemical device of claim 9 further comprising a diluting compartment positioned between the ion-trapping compartment and the anode compartment,
- (Withdrawn) The electrochemical device of claim 10 further comprising an alkalinecollecting compartment positioned adjacent to the ion-trapping compartment.
- (Withdrawn) The electrochemical device of claim 11 further comprising a second diluting compartment positioned adjacent to the collecting compartment.
- (Withdrawn) The electrochemical device of claim 12 further comprising a concentrating compartment positioned adjacent to the second diluting compartment.
- 14. (Withdrawn) The electrochemical device of claim 13 further comprising a mixture of anion-exchange resin and cation-exchange resin that at least partially fills at least one of the diluting, concentrating, collecting and anode compartments.
- 15. (Original) An electrochemical device comprising a compartment comprising electroactive media that is substantially free of anion-exchange resin and is bounded by anionselective membranes on each side thereof.

 (Original) An electrochemical device comprising a compartment consisting essentially of cation-exchange resin and anion-selective membranes.

- 17. (Withdrawn) An electrochemical device comprising a compartment that is constructed and arranged to inhibit the migration of cations while promoting the migration of anions to an adiacent compartment.
- 18. (Withdrawn) An electrochemical device comprising:

a first depleting compartment;

an ion-trapping compartment comprising cation-exchange resin adjacent the first depleting compartment;

an alkaline-collecting compartment positioned adjacent the ion-trapping compartment; and

a second depleting compartment positioned adjacent the alkaline-collecting compartment.

- (Withdrawn) The electrochemical device of claim 18 further comprising an anode compartment fluidly connected to the ion-trapping compartment.
- (Withdrawn) The electrochemical device of claim 18 further comprising an anionselective membrane separating the first depleting compartment and the ion-trapping compartment.
- (Withdrawn) The electrochemical device of claim 18 further comprising an anionselective membrane separating the ion-trapping compartment and the alkaline-collecting compartment.
- (Withdrawn) An electrochemical device comprising a depleting compartment and a
 concentrating compartment, at least one of the depleting and concentrating compartments
 comprising electroactive fiber felt.

- 23. (Withdrawn) The electrochemical device of claim 22 wherein the electroactive fiber felt comprises weakly ionized species in a polymer binder.
- 24. (Withdrawn) A method of treating a liquid comprising providing an electrochemical device comprising a depleting compartment, a concentrating compartment and an ion-trapping compartment disposed between the depleting and the concentrating compartments;

passing the liquid to be treated through the depleting compartment; and collecting hydrogen ions in the ion-trapping compartment.

- 25. (Withdrawn) The method of claim 24 further comprising the step of transferring at least a portion of the hydrogen ions into an electrode compartment of the electrochemical device.
- 26. (Withdrawn) The method of claim 24 further comprising the step of promoting at least a portion of the hydroxyl ions to migrate from the ion-trapping compartment.
- (Withdrawn) A method of treating water comprising: providing an electrochemical device comprising a compartment bounded by an ionselective membrane and an electrode compartment;

introducing water into the compartment;

dissociating water into hydrogen and hydroxyl ions in the compartment; and transferring at least a portion of the hydrogen ions to the electrode compartment.

- 28. (Withdrawn) The method of claim 27 further comprising the step of allowing at least a portion of the hydroxyl ions to migrate through the ion-selective membrane.
- 29. (Withdrawn) The method of claim 28 further comprising the step of inhibiting at least a portion of the hydrogen ions from migrating through the ion-selective membrane.

- 30. (Withdrawn) The method of claim 27 wherein the compartment is at least partially filled with cation-exchange resin.
- 31. (Original) A method of facilitating liquid treatment comprising providing an electrochemical device comprising at least one compartment that is at least partially filled with cation-exchange resin and bounded by anion-selective membranes on each side thereof.
- 32. (Original) A method of facilitating liquid treatment comprising providing an electrochemical device comprising a compartment consisting essentially of cation-exchange resin and anion-selective membranes.